

King County DNRP Water Quality Index

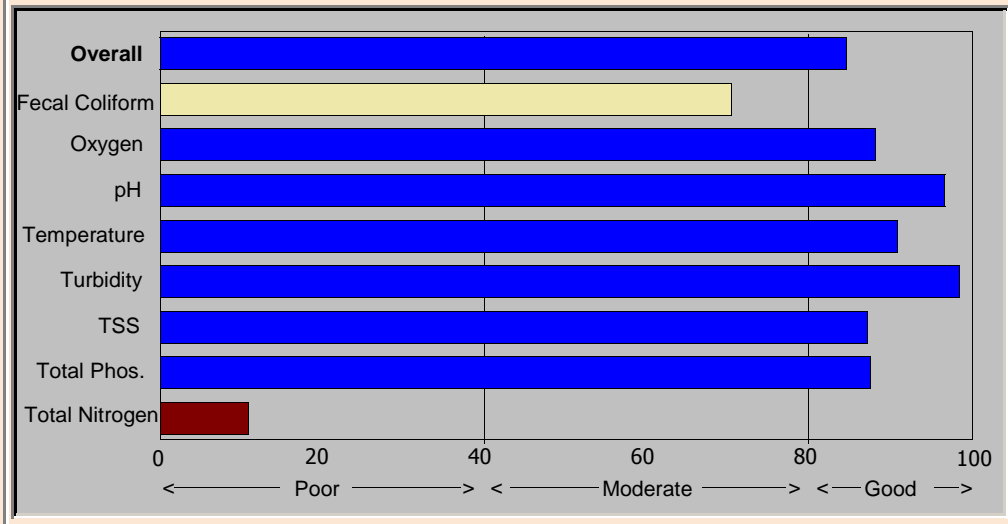
STATION **A690** WATER YEAR **2008**

GAUGE # 15i **Eden Creek** **Overall Index 85**

King County sampled water quality in Eden Creek at station A690 (located at 635 East Lake Sammamish Shore Lane, downstream from the railroad tracks) from 1987 until 2008 when budget cutbacks forced a reduction in the water quality monitoring program. The creek, also known as Zuccuse Creek on some maps) is located in the Monohan subbasin at the northeast end of Lake Sammamish. King County observed bacteria levels in exceedance of water quality standards and Eden Creek was subsequently place on the Washington State Department of Ecology's 303(d) list of impaired streams. Coho salmon, cutthroat and rainbow trout are found in the Monohan subbasin.

Annual Water Quality Index Scores

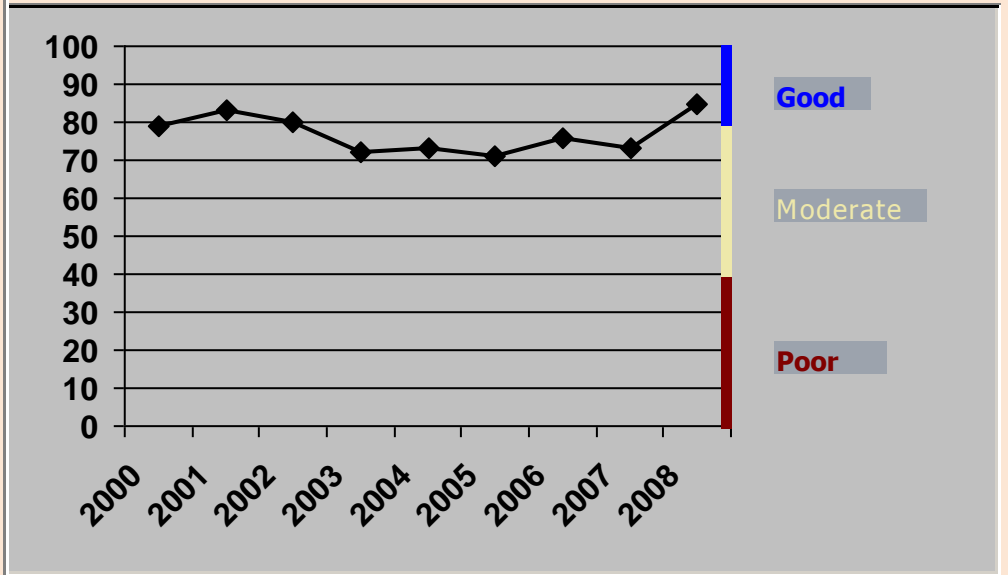
Water quality was GOOD based on data collected 10/1/2007 to 9/30/2008.



Monthly Scores For Water Year 2008

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
94	83	97	98	98	95	95	94	88	85	86	96

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <http://green.kingcounty.gov/WLR/Waterres/StreamsData/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>